

0590 #2

10/09 OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/854,124

DATE: 06/08/2001

TIME: 11:44:15

Input Set : C:\PAOLA\09854124.txt

Output Set: N:\CRF3\06082001\I854124.raw

ENTERED

3 <110> APPLICANT: Williams, Lewis T.
 4 Escobedo, Jaime
 5 Innis, Michael A.
 6 Garcia, Pablo Dominiguez
 7 Sudduth-Klinger, Julie
 8 Reinhard, Christoph
 9 Giese, Klaus
 10 Randazzo, Filippo
 11 Kennedy, Giulia C.
 12 Pot, David
 13 Kassam, Altaf
 14 Lamson, George
 15 Drmanac, Radoje
 16 Crkvenjakov, Radomir
 17 Dickson, Mark
 18 Drmanac, Snezana
 19 Labat, Ivan
 20 Leshkowitz, Dena
 21 Kita, David
 22 Garcia, Veronica
 23 Jones, Lee William
 24 Stache-Crain, Birgit
 26 <120> TITLE OF INVENTION: Diagnostic and Therapeutic Methods Using
 27 Molecules Differentially Expressed in Cancer Cells
 30 <130> FILE REFERENCE: 2300-1490
 32 <140> CURRENT APPLICATION NUMBER: 09/854,124
 33 <141> CURRENT FILING DATE: 2001-05-10
 35 <150> PRIOR APPLICATION NUMBER: 09/400,947
 36 <151> PRIOR FILING DATE: 1999-09-22
 38 <160> NUMBER OF SEQ ID NOS: 37
 40 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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 44 <212> TYPE: DNA
 45 <213> ORGANISM: Homo sapiens
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 49 gaggtcgagc cgggcagtgg ggtccgcac gtggtggagt actgtgaacc ctgcggcttc 120
 50 gaggcgacct acctggagct ggccagtgt gtgaaggagc agtatccggg catcgagatc 180
 51 gagtcgcgcc tcgggggcac aggtgccttt gagatagaga taaatggaca gctgggtgttc 240
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 56 <211> LENGTH: 300
 57 <212> TYPE: DNA
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 60 <400> SEQUENCE: 2
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Input Set : C:\PAOLA\09854124.txt

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62 attttttagca ctcatcagta ttctccaatg tgaccttctc attggagtac acagaaggaa      120
63 agcaaagaag agcatctgac ttctagctct ggcttacagc ctctctacca ggccgaagca      180
64 agagaccgcg gcgagcagct ccccgccact cagacctggg tggtgataac ctcaaagaat      240
65 ggctctgttt tctattgaca gaaaacccac ttgattttgc ttctgagtta gcagtcagaa      300
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68 <211> LENGTH: 300
69 <212> TYPE: DNA
70 <213> ORGANISM: Homo sapiens
72 <400> SEQUENCE: 3
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74 cattcttata acctagtata tagttagttt gtagagtgat ttccccccag tttcttgaac      120
75 atggtatctt cacatcttgg accttgggtca gttgtgctat tcattattaa aactaaaaac      180
76 tttggcggtt cttgcataac attgtcagat tttttagtgt atttctgtga agtcattttt      240
77 tttcttgtca ttccttttgt agtagttgct gtttgataa aagttgatgt ggatttttta      300
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82 <213> ORGANISM: Homo sapiens
84 <400> SEQUENCE: 4
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86 tggccgagac tgaccccaag accgtgcagg acctcacctc ggtggtgcag aactcctgc      120
87 agcagatgca agataaattt cagaccatgt ctgaccagat cattgggaga attgatgata      180
88 tgagtagtcg cattgatgat ctggaaaaga atatcgcgga cctcatgaca caggctgggg      240
89 tggaagaact ggaaagttaa aacaagatac ctgccacgca aaagagttga aggttgctaa      300
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92 <211> LENGTH: 300
93 <212> TYPE: DNA
94 <213> ORGANISM: Homo sapiens
96 <400> SEQUENCE: 5
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98 ctgctgacag ctttgtgaga cagcaggagg cacatgccaa gctggataac ttgacctga      120
99 tggagatcaa caccagcggg actttcctca cacaagcgct caaccacatg tacaaactcc      180
100 gcacgaacct ccagcctctg gagagtactc agtctcagga cttctagaga aaggcctggt      240
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112 gatctacctc atcggggggg acctggggcc tttaaccct ggtttaccgg tggaagtgcc      180
113 cctgtggctg gcgattaacc tgaacaaag acagaaatgt cgcctgctcc ctccagagtg      240
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117 <211> LENGTH: 300
118 <212> TYPE: DNA
119 <213> ORGANISM: Homo sapiens
121 <400> SEQUENCE: 7

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122 atcatgcttc agacaacatc ccgaaggcag acgaaatccg gaccctgggc aaggatatgt      60
123 gggacactcg tatagccaaa ctccgagtgt ctgctgacag ctttgtgaga cagcaggagg      120
124 cacatgccaa gctggataac ttgaccttga tggagatcaa caccagcggg actttcctca      180
125 cacaagcgct caaccacatg tacaaaactcc gcacgaacct ccagcctctg gaaagacctc      240
126 agctaggact tctaaaaaag gcctggtgca gccgcttggt tggggattaa cccttcagac      300
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130 <212> TYPE: DNA
131 <213> ORGANISM: Homo sapiens
133 <400> SEQUENCE: 8
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135 gtccaggcag ctggaacaga tagacactgt gtgacatttg tattgcacga ggaagaccat      120
136 accctaggaa attctctacg ttacatgac atgaagaacc cggaagtgga attttgtggt      180
137 tacactacga cccatccttc agagagcaaa attaatttac gcattcagac tcgaggatcc      240
138 cttccagctg ttgagccatt tcagagaggc ctgaatgagc tcatgaatgt ctgccaacat      300
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141 <211> LENGTH: 300
142 <212> TYPE: DNA
143 <213> ORGANISM: Homo sapiens
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146 <221> NAME/KEY: misc_feature
147 <222> LOCATION: (1)...(300)
148 <223> OTHER INFORMATION: n = A,T,C or G
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W--> 152 tottanaagt attttgtttt tggatgtgtg aatgtgcata gttcttaaag tccaacattc      120
W--> 153 atgtaataag acatcttgca tataacaatg acccttacgt cnaagatgtn aaatagatcc      180
154 taagcctggt ataactttat tcaagtatcc ttatttgccc ctaaaatgtc tttataacac      240
W--> 155 attacttggg ttatttcctg gatgaacatn caggatatccc aatttctgtt tttaaagaaa      300
157 <210> SEQ ID NO: 10
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163 <400> SEQUENCE: 10
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165 attgggggag cccagagaca ggggaaggca gcctgtccat ctgtgcataa ggagaggaaa      120
166 gttccagggt gtgtatgttt caggggcttc acatggagga gctgcagata gatatgtgtt      180
167 tctgtgtatg tgtatgtctg cctttttttc taagtggggg cttctacagg cttttgggaa      240
168 gtagggtgga tgtgggtagg gctgggagga gggggccaca gcttaagttt ggagctctgg      300
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172 <212> TYPE: DNA
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175 <400> SEQUENCE: 11
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177 tcgtaaagga tggtaattcc tttaattata cccaccttaa aaacatgatt ctgttccaca      120
178 aacgaaagga gcacatcaga gatgccttca gttctgtgtg cttgaacttt gaattccatg      180
179 aattatagtt gcactgaggg gagaatcctg tttccatcct cctggttcct tctccctttc      240
180 ctgtcccat gtttctctga ggctggcaa tgctctctgg atacttggtg agtagcccag      300

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Input Set : C:\PAOLA\09854124.txt

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189 aacaccaccc cacatgtgcc ggctgaggga cctgagctta tttgaagtcc tgcctcattc      120
190 tctctggagc ctcaagtctct cctgcttggt ctggccctc aactggggca agtgaagcca      180
191 gagggagggtc cccagctggg gtgggctgga atggaaactcc tctactagctg ctggggctcc      240
192 gccaccctg ctcccttccg gacaatgaag aagcctttgc accctgggag gaaggaccac      300
194 <210> SEQ ID NO: 13
195 <211> LENGTH: 300
196 <212> TYPE: DNA
197 <213> ORGANISM: Homo sapiens
199 <400> SEQUENCE: 13
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201 cgagcagtgg ccatcccat gcctctgacc tccaccgacc tctgcccacc atgggttgga      120
202 actaaactgt taccttccct cgctccacag aagaagacag ccagcttcag gggtcctgt      180
203 gctggccaag ccagtgaacc tgcggggagg ctggtccaag gagaaagtgg accagctccc      240
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208 <212> TYPE: DNA
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214 <223> OTHER INFORMATION: n = A,T,C or G
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W--> 220 aagatgcca gacctgagg aangccatga aagggtcgg caccgatgaa nacgccatta      180
W--> 221 ttancgtcct tgcctaccgc atcaccgcc agcgccagga gatcaggaca gcctacaaga      240
W--> 222 gcaccatcgg canggacttg atagacgacc tgaagtcana actgagtggc aacttcgagc      300
224 <210> SEQ ID NO: 15
225 <211> LENGTH: 300
226 <212> TYPE: DNA
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229 <400> SEQUENCE: 15
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231 agaagatccc ggcgggagga agcccaagtg tcaattgaat tccacccaag gagcgggcgc      120
232 ctgggatcag agcgtcctgt ttagcaataa cggctggagc acgtcctaca agttacggga      180
233 gagtccgctg tgaaggagac gttcgcttat cccctgtgtc cccgctcctg gccctccag      240
234 accccagcct tgcctcgcgc tgggagggga gatccagaat gaaaggcaag aaaggattg      300
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237 <211> LENGTH: 300
238 <212> TYPE: DNA
239 <213> ORGANISM: Homo sapiens
241 <400> SEQUENCE: 16

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Input Set : C:\PAOLA\09854124.txt

Output Set: N:\CRF3\06082001\I854124.raw

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242 aattccgttg ctgtcgcaga ggctgggatc atggtagatg gaaccctcct tttactcctc      60
243 tcggaggccc tggcccttac ccagacctgg gcgggctccc actccttgaa gtatttccac      120
244 acttccgtgt cccggcccgg ccgcggggag ccccgcttca tctctgtggg ctacgtggac      180
245 gacaccagct tcgtgcgctt cgacaacgac gccgcgagtc cgaggatggt gccgcggggc      240
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249 <211> LENGTH: 300
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255 actgacctgg cagcaggatg gggagggccca taccaggagc acggagctcg tggagaccag      120
256 gcctgcaggg gatggaacct tccagaagtg ggcagctgtg gtggtgcctt ctggagagga      180
257 gcagagatac acgtgccatg tgcagcatga ggggctaccc gagcccgtca ccctgagatg      240
258 gaagccggct tccagaccca ccatccccat cgtgggcatac attgctggcc tggttctcct      300
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268 tcacagcagc tgggtggagag gcggggtctg caggaacacc agagaggccg gactctgacc      180
269 atggtgtccc tgggtgtggt ctttgtgggc cctgtggtag gaggtctgga caaggttttg      240
270 gatcggttca tccctggcac caccaaagtg gatgcactga agaagatggt gttggatcag      300
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273 <211> LENGTH: 300
274 <212> TYPE: DNA
275 <213> ORGANISM: Homo sapiens
277 <400> SEQUENCE: 19
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279 agatggcact gggggtgtga gcatctatgg tgagacattt ccagatgaga acttcaagct      120
280 gaagcactat ggcattgggt gggtcagcat ggccaacgct gggcctgaca ccaatggctc      180
281 tcagttcttt atcaccttga ccaagcccac ctggttggac ggcaaacatg tgggtgtttg      240
282 aaaagtcatt gatgggatga cagtgggtgca ctccatagag ctccaagcaa ctgatgggca      300
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292 tcatcgtgtc atcaaggatt tcatgattca aggaggtgac atcaccactg gagatggcac      180
293 tgggggtgtg agcatctatg gtgagacatt tccagatgag aacttcaagc tgaagcacta      240
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298 <212> TYPE: DNA
299 <213> ORGANISM: Homo sapiens

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/854,124

DATE: 06/08/2001

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Input Set : C:\PAOLA\09854124.txt

Output Set: N:\CRF3\06082001\I854124.raw

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L:153 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:155 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:219 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:220 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:221 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:222 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:395 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:494 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:509 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:510 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:511 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:512 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37